AP7 Rec'd PCT/PTO 10 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES							ATTORNEY'S DOCKET NUMBER 65325 (70904)							
DESIGNATED CONCERNING A					•	•	U.S. APPLICATION NO. (Thinkin, see St. CFR 1.5)							
		IAL APPLICA			ATIONAL FI		PRIORITY DATE CLAIMED							
TITLE C		/JP2004/01	14954		8 October	2004	10 October 2003							
REPRO	DDUC	NG APPAR					DUCING APPARATUS, CONTENT DMPUTER-READABLE, etc.							
		) FOR DO/E	D/US											
Jiro Kiyama et al.  Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:														
1. x	1. x This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.													
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.													
3. x	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.													
4.	The U	JS has been	elected (Article 3	1).										
5. x	A cop	y of the Inter	national Applicat	ion as file	d (35 U.S.C.	371 (c)(2))								
a.	a. x is attached hereto (required only if not communicated by the International Bureau).													
b.	b. x has been communicated by the International Bureau.													
C.	c. is not required, as the application was filed in the United States Receiving Office (RO/US).													
6. x	An Er	nglish langua	ge translation of	the Intern	ational Appli	cation as filed (35	5 U.S.C. 371(c)(2)).							
a.	a. x is attached hereto.													
b.	has been previously submitted under 35 U.S.C. 154(d)(4).													
7. X	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))													
a.	are attached hereto (required only if not communicated by the International Bureau).													
b.	h	ave been co	mmunicated by t	ne Interna	itional Burea	u.								
C.	h	have not been made; however, the time limit for making such amendments has NOT expired.												
d.	x h	ave not been	n made and will n	ot be mad	de.									
8.	An Er	nglish langua	ge translation of	the amen	dments to the	e claims under PC	CT Article 19 (35 U.S.C. 371(c)(3)).							
9. x	An oa	th or declara	tion of the invent	or(s) (35	U.S.C. 371(c	:)(4) <b>)</b> .								
10.			ge translation of C. 371(c)(5)).	the annex	ces of the Into	ernational Prelimi	nary Examination Report under PCT							
lten	ns 11 t	o 20 below	concern docur	nent(s) c	or informati	on included:								
11. x	An In	formation Di	sclosure Staten	nent unde	er 37 CFR 1	.97 and 1.98. Fo	rm PTO/SB/08a/b (w/6 references)							
12. x	An as	signment do	cument for recor	ding. A se	eparate cove	r sheet in complia	ance with 37 CFR 3.28 and 3.31 is included.							
13.	A pre	liminary ame	endment.											
14. x	An Ap	oplication Da	ta Sheet under	37 CFR 1	.76.									
15.	A sub	stitute speci	fication.											
16.	A pov	ver of attorne	ey and/or change	e of addre	ess letter.									
17.	A con	nputer-reada	ble form of the s	equence	listing in ac	cordance with PC	CT Rule 13 <i>ter.</i> 2 and 37 CFR 1.821 – 1.825.							
18.	A sec	ond copy of	the published In	ternation	al Application	n under 35 U.S.C	C. 154(d)(4).							
19.	A sec	ond copy of	the English lang	uage trar	nslation of th	e international ap	oplication under 35 U.S.C. 154(d)(4).							
U	1		-	-		.,								

## IAP9 Rec'd PCT/PTO 10 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/JP2004/014954 65325 (70904) Other items or information: PCT/RO/101; PCT/ISA/210 w/English translation; PCT/IB/304; PCT/ISA/237; PCT/IB/308 (First Notice); PCT/IB/308 (Second & Supplementary Notice); International Publication WO 2005/036544 A1; Return Receipt Postcard The following fees have been submitted **CALCULATIONS PTO USEONLY** 21. x \$ 300.00 22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)........ \$ 200.00 All other situations \$200 Search fee (37 CFR 1.492(b)) 23. x Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$
International Search Report prepared by an ISA other than the US and provided to the Office or \$ 400.00 previously communicated to the US by the IB.....\$400 All other situations TOTAL OF 21, 22 and 23 = \$ 900.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **Total Sheets** Extra Sheets RATE thereof (round up to a whole number) 235 - 100 = 135 x \$250.00 \$ 750.00 Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). \$ NUMBER FILED **CLAIMS** NUMBER EXTRA RATE Total claims 41 - 20 = 21 x 50.00 1,050.00 Independent claims 16 - 3 = 13 200.00 2,600.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) 360.00 **TOTAL OF ABOVE CALCULATIONS =** \$ 5,660.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ 5,660.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). \$ TOTAL NATIONAL FEE = 5,660.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 40.00 \$ TOTAL FEES ENCLOSED = \$ 5,700.00 Amount to be \$ refunded: Amount to be \$ charged

## 10/575431 IAPOREC' OF CTIPTO 10 APR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. A check in the amount of \$ \_ \_ to cover the above fees is enclosed. b. X Please charge my Deposit Account No. 04-1105 in the amount of \$ \_\_\_\_\_5,700.00 to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SIGNATURE C. Turchez SEND ALL CORRESPONDENCE TO: David A. Tucker **EDWARDS ANGELL PALMER & DODGE LLP** P.O. Box 55874 David A. Tucker Boston, Massachusetts 02205 NAME (617) 517-5508 CUSTOMER NUMBER: 21874 27,840 REGISTRATION NUMBER

## 10/575431 IAP9 Rec'd PCT/PTO 10 APR 2006

PTO/SB/17 (01-06)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of the a collection of information unless it displays a valid OMB control purples.

	BINOIR REGULTION ACT OF	1995, no person are req	uned to r	espond to a conscit				control number						
Fees pursuant to to	he Consolidated Approp	riations Act, 2005 (H.R.	Complete if Known											
FFF	TRANS	MITTAL	ļ	Application Nur		Not Yet Assigned								
			ļ			Concurrently Herewith								
	For FY 20	106	ļ	First Named Inv		Jiro Kiyama, et al.								
				Examiner Name	N	Not Yet Assigned								
Applicant	claims small entity state	us. See 37 CFR 1.27		Art Unit	N	Not Yet Assigned								
TOTAL AMOU	NT OF PAYMENT	(\$) 5,700.00	)	Attorney Docket No. 65325 (70904)										
METHOD OF PAYMENT (check all that apply)														
Check Credit Card Money Order Other (please identify):														
x Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards Angell Palmer & Dodge LLP														
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)														
x. Cr	x Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee													
	Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17													
FEE CALCUL	ATION (All the fe	es below are du	e upor	filing or may	be subjec	t to a surch	arge.)							
1. BASIC FILING	S, SEARCH, AND E	KAMINATION FEE	S											
	FI	LING FEES	SEA	RCH FEES	EXAMINA	ATION FEES	•							
Application Ty	rpe Fee (\$	Small Entity ) Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees F	Paid (\$)						
Utility	300	150	500	250	200	100								
Design	200	100	100	50	130	65								
Plant	200	100	300	150	160	80								
Reissue	300	150	500	250	600	300								
Provisional	200	100	0	0	0	0								
2. EXCESS CLA	IM FEES						Fee (\$)	Small Entity Fee (\$)						
Fee Description														
	nt claim over 3 (incl						50 200	25 100						
Multiple depend	•	,					360	180						
Total Claims	Extra Claims	Fee (\$)	Fee P	aid (\$) Multiple Dependent Claims										
	20 =			Fee (\$)			Fee Paid (\$	)						
HP = highest nume	er of total claims paid for,	if greater than 20.												
<u>Indep. Claims</u>	Extra Claims	Fee (\$)	Fee P	aid (\$)										
	- 3=er of independent claims ;	caid for if greater than 3		<del></del>										
1	·	oald for, if greater triair s	•					<del></del>						
If the specifica listings und	3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).													
<u>Total</u> Sheets	Extra Sheet	s <u>Number of</u>		ditional 50 or fra	ction thereof	Fee (\$)	Fee I	Paid (\$)						
4. OTHER FEE(	100 = S)	/50		(round up to a who	ole number) X		Foor	Paid (\$)						
,	Specification, \$13	) fee (no small enti	tv disco	unt)			1 663	raiu (\$)						
_	ate filing surcharge):	000,4 11 11 10			patent assi	gnment,	40	0.00						
Outer (c.g., i	300.00													
	400.00 200.00													
	2,600.00													
	1,050.00													
	360.00													
1681 National Stage application size fee - for each 750.00														
SUBMITTED BY														
Signature	17 unid 1	7 wither		Registration No. (Attorney/Agent)	27,840	Telephone	(617) 51	7-5508						
Name (Print/Type)	David A. Tucker					Date	April 10,	2006						

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 65325 (70904)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 754870494 US in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on April 10, 2006
Date

Signature

Kathryn A. Grindrod

Typed or printed name of person signing Certificate

617-517-5534

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (3

Fee Transmittal (2 pages)

Application Data Sheet (3 pages)

Specification Cover Sheet (1 page)

Specification (175 pages)

41 Claims (26 pages)

Abstract (1 page)

Formal Drawings Fig. 1 - Fig 35 (33 pages)

Executed Oath or Declaration of the inventor(s) (4 pages)

PCT/RO/101; PCT/ISA/210 (w/English language translation; PCT/IB/304;

PCT/ISA/237; PCT/IB/308 (First Notice); PCT/IB/308 (Second &

Supplementary Notice); International Publication WO 2005/036544 A1

Information Disclosure Statement (3 pages)

Form PTO/SB/8a/b (w/6 References) (1 page)

Recordation Form Cover Sheet (2 pages)

Assignment (2 pages)

Authorization to charge \$5,700.00 to deposit account 04-1105

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